

24 OCT 67 12 32z

TOP SECRET

SECURITY CLASSIFICATION

TYPE MSG

BOOK

MULTI

SINGLE

PRECEDENCE

ACTION

INFO

PRIORITY

DTG

FROM

TO:

INFO: PRIORITY

25X1A

25X1A

25X1A

25X1A

SPECIAL INSTRUCTIONS

- 1 SIG GEN.
- 1 CDR
- 1 ICM
- 1 INS
- 1 ECO

SUBJ:

A. MISSION NBR. BX6732

B. FINAL EVALUATION OF INS DATA.

C. INS #10

D. DATA STARTS LINE 23, TIME 1200Z.

DATA ENDS LINE 1058, TIME 1312Z.

ELAPSED TIME RECORDING BETWEEN TIMES 11583 AND 11592,

LINE 871, HAS MISSING LEAST SIGNIFICANT DIGIT.

SUGGEST 11587.

END OF MESSAGE

ILLEGIB

ILLEGIB

DATE

TIME

MONTH

YEAR

PAGE NO.

NO. OF PAGES

DRAFTER

TYPED NAME AND TITLE

PHONE

RELEASE

SIGNATURE

SECURITY CLASSIFICATION

INS SUPERVISOR

REGARDING INSTRUCTIONS

25X1D

Approved For Release 2001/04/02 : CIA-RDP69B00041R001100010013-2

Next 3 Page(s) In Document Exempt

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ZCZC059

655/271255Z ZFF-1

BT

XXXXXX

25X1A

TOP SECRET 271250Z CITE [REDACTED] 2653

25X1A

IMMEDIATE [REDACTED]

25X1A

OXCART BLACK SHIELD

25X1A

REF A: BX6732

25X1A

THE EXPOSURE NUMBERS AND SHUTTER SPEEDS TO BE USED FOR

BX6732 WILL BE PROVIDED BY [REDACTED]

25X1A

REQUEST YOU ADVISE PROJ HQS BY IMMEDIATE MSG WHAT CAMERA

SETTINGS WILL BE USED FOR BX6732. HAZE FACTOR IS "ONE"

FOR PASS ONE AND PASS TWO.

TOP SECRET

BT

*Action - DCM
Info - DCOMI*

ILLEGIB

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FTT524/1

BT

XXXXX

DCM

25X1A

25X1A

25X1A

TOP SECRET 100230Z CITE [REDACTED] 2223

PRIORITY [REDACTED] INFO [REDACTED]

25X1A

25X1A

25X1A

A. BX 6732

B. INS - FILM CORRELATION REPORT

C. INS 810

D. 1. SATISFACTORY

2. FILM DATA BLOCK WAS RECORDING HIGHER THAN THE INS TAPE

THROUGHOUT MISSION BY A CONSTANT 12 MINUTES.

3. FILM DATA BLOCK WAS RECORDING HIGHER THAN THE INS TAPE

THROUGHOUT MISSION BY A CONSTANT 14 MINUTES.

4. SATISFACTORY

5. SATISFACTORY

6. SATISFACTORY

7. SATISFACTORY

8. FILM DATA BLOCK WAS RECORDING LOWER THAN THE INS TAPE

THROUGHOUT MISSION BY A CONSTANT 532 KNOTS.

9. SATISFACTORY

10. FILM CLOCK WAS RECORDING 1 SECOND HIGH THROUGHOUT MISSION.

11. ALTHOUGH THERE WERE DIFFERENCES BETWEEN THE FILM CLOCK AND THE
INS TAPE A SATISFACTORY CORRELATION HAS BEEN ACHIEVED ON THE MISSION.

TOP SECRET

BT

DCM

26 OCT 57 21 36Z

588 825 ").0953ZCZC992

572/262112Z ZFF3

BT

XXXXX

25X1A

SECRET

TOP SECRET 262101Z CITE [REDACTED] 2622

25X1A

IMMEDIATE [REDACTED] INFO IMMEDIATE [REDACTED]

25X1A

25X1A

FOR [REDACTED] - EYES ONLY COMMANDER

25X1A

25X1A

A. BX6732

B. MISSION ALERT MSG.

C. 0230Z/28 OCT 57.

25X1A

D. [REDACTED]

E. NORTH VIETNAM

25X1D

F. TYPE I, CAMERA, [REDACTED]

25X1D

G. BACK-UP AIRCRAFT REQUIRED. SAME EQUIPMENT AS PARA F.

H. DTFC TO LAUNCH BACK-UP ACFT AT APPROX 2330Z/28 OCT 57

IN EVENT PRIMARY ACFT GROUND/AIR ABORTS. THIS ALERT FOR BLACK

SHIELD CANNED ROUTE NBR 22B. FIRST PASS PRIMARY ROUTE ONE

ALFA, OPTION ONE BRAVO. SECOND PASS PRIMARY ROUTE

TWO BRAVO, OPTION TWO ALFA. A-50 ADDITIVE WILL NOT

BE USED ON THIS MISSION.

I. PLS ADVISE PLANNED TANKER RECOVERY BASE.

TOP SECRET

Next 4 Page(s) In Document Exempt

27 OCT 67 14 55z

NNNNZCZC066

667/271451Z ZFF-1

BT

XXXXX

530

25239

25X1A

25X1A

T O P S E C R E T 271449Z CITE [REDACTED] 2662

IMMEDIATE [REDACTED]

REF A. BX6732

B. [REDACTED] 9842

25X1A

25X1A

25X1A

PROJ HQS CONCURS WITH CAMERA DATA CONTAINED IN REF B;

I.E., 1/170 FOR BOTH PASSES.

T O P S E C R E T

BT

DCM

27 OCT 67 01z

25X1A

25X1A

25X1A

25X1A

25X1A

TOP SECRET 271944Z CITE [REDACTED] 2694

IMMEDIATE [REDACTED] INFO PRIORITY [REDACTED]

BLACK SHIELD OXCART OPS

REF [REDACTED] 7938

SUBJECT: [REDACTED] REPORT

25X1A

25X1A

1. PROJECT HQS HAS COMPLETED REVISED COMPUTER PROGRAM FOR [REDACTED] REPORT WHICH INCLUDES THE USE OF REFLECTANCE FACTORS (R VALUES) TO DETERMINING THE EXPOSURE NUMBERS FOR TYPE I CAMERA CONFIGURATION. THESE EXPOSURE NUMBERS WILL BE USED BY CAMERA CONFIGURATION PERSONNEL TO CUT PROGRAMMER TAPE FOR TYPE I CAMERA. CORRESPONDING SHUTTER SPEEDS AND PROGRAM TAPE CODES ARE GIVEN IN TABLE 2-2 OF THE STANDARD TYPE I P.I. MANUAL.

25X1A

2. TABLES USED TO DEVELOPE NEW COMPUTER PROGRAM ARE FOUND IN PRELIMINARY REVISION TO TYPE I PHOTO INTERPRETERS MANUAL DATED 20 SEPT 67.

3. EFFECTIVE WITH THE NEXT BLACK SHIELD OPERATIONAL MSN I.E., BX6733 THE [REDACTED] GIVING EXPOSURE NUMBERS AND SHUTTER SPEEDS WILL BE DISCONTINUED AND THE [REDACTED] EXPOSURE NUMBERS WILL BE USED ON ALL FUTURE BLACK SHIELD MISSIONS.

25X1A

25X1A

25X1A

4. FYI NOT NECESSARY TO HAVE TABLES REFERRED TO IN PARA2 ABOVE IN HAND TO IMPLEMENT THE REVISED [REDACTED] PROCEDURE. FOR [REDACTED] INSURE THAT [REDACTED] ARE IN RECEIPT OF REVISION CITED IN PARA 2 AND ADVISE.

25X1A

25X1A

TOP SECRET

BT

DCOM
DCM
JFK-DCO

ILLEGIB

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RESERVED FOR COMMUNICATION CENTER

SECURITY CLASSIFICATION

28 OCT 67 12 32z

TYPE MSG

BOOK

MULTI

SINGLE

PRECEDENCE

ACTION

INFO

PRIORITY

DTG

TOP SECRET

SPECIAL INSTRUCTIONS

25X1A

FROM:

SECRET

25X1A

TO:

25X1A

25X1A

INFO: PRIORITY

1 SIG CPM.
1 CDR
1 DCM
1 INS
1 DCO

SUBJ:

A. MISSION NBR. BX6732

B. FINAL EVALUATION OF INS DATA.

C. INS #19

D. DATA STARTS LINE 23, TIME 1200z.

DATA ENDS LINE 1058, TIME 13124.

ELAPSED TIME RECORDING BETWEEN TIMES 11583 AND 11592,

LINE 871, HAS MISSING LEAST SIGNIFICANT DIGIT.

SUGGEST 11587.

END OF MESSAGE

25X1A

25X1A

DATE	TIME
MON 28	YEAR
PAGE 002	NO. 67 PAGES

D
R
A
F
T
E
R

TYPED NAME AND TITLE

PHONE

R
E
C
E
I
V
E
R

SECURITY CLASSIFICATION

INS SUPERVISOR

REGARDING INSTRUCTIONS

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DD FORM 173

1 NOV. 63

REPLACES EDITION OF 1 MAY 55 WHICH MAY BE USED.

GPO 1965-761-933

SDS/WS2137Z

BT

XXXXX

25X1A

25X1A

25X1A

25548

TOP SECRET 032141Z CITE [REDACTED] 3227

PRIORITY [REDACTED] INFO [REDACTED]

25X1A

OXCAR BLACK SHIELD OPS

Action: 1-CO
1-DCO
1-DCM

SUBJECT IS CRITIQUE ITEMS - OPNL MCM BX6732

25X1A

1. DURING RECENT PROJ HQS CRITIQUE/REVIEW OF BX6732
FOLLOWING TWO DISCREPANCIES NOTED IN OPERATIONAL MISSION
OPERATING PROCEDURES:

A. CAMERA OPERATION:

(1) NPIC PHOTO PLOT OF THE MISSION PHOTOGRAPHY
VERIFIES THAT THE FIRST IDENTIFIABLE FRAME ON THE
25X1D SECOND PASS IS [REDACTED] COORDINATES OF THE RADAR
POINT AT THIS TIME ARE 21-25N; 103-58E INDICATING THAT
CAMERA TURN ON WAS ACCOMPLISHED APPROXIMATELY SIX
MINUTES LATER THAN PROGRAMMED TURN ON TIME/POINT
STIPULATED IN THE [REDACTED] CAMERA WAS
TO BE TURNED ON AT 0601/300 (20-00N; 101-42E).

25X1A

(2) REQUEST YOU REVIEW THIS SUBJECT IN DETAIL
WITH ALL PROJECT PILOTS AND PARTICULARLY WITH

25X1A

[REDACTED] TO DETERMINE REASON FOR APPARENT DELAY
IN CAMERA OPERATION ON SECOND PASS. PLS ADVISE PROJ

(3) IT IS IMPERATIVE THAT CAMERA ON/OFF POINTS/TIMES

BE STRICTLY ADHERED TO ON ALL OPERATIONAL MISSIONS.

25X1A

1. DROPPING OFF THE BOOM PRIOR TO END A/R - [REDACTED]

25X1D PILOT REPORT [REDACTED] VERIFIES THAT ARTICLE HAD
6.7M ON BOARD AND DROPPED OFF THE BOOM SOME 55NM PRIOR TO
END OF SECOND [REDACTED] A/R. AT THIS POINT AIRCRAFT
STARTED TURN AND INITIATED CLIMB FOR SECOND PASS
ACROSS DENIED. REALIZE THIS PROCEDURE IMPROVES FUEL
RESERVE OVER DESTINATION HI-CONE; HOWEVER, PROJ HQ
DOES NOT CONSIDER IT DESIRABLE FOR FOLLOWING REASONS:

25X1A

(1) THE DECREASED CLIMB DISTANCE AVAILABLE DEGRADES
CAPABILITY TO MAKE GOOD MINIMUM PENETRATION ALTITUDE/
SPEED THUS DIRECTLY AFFECTING VULNERABILITY FOR
SECOND PASS.

(2) AIRCRAFT IS OPERATING OUTSIDE THE COORDINATED/
APPROVED AIRSPACE BLOCK.

25X1D NOTE: FYI [REDACTED] FROM 8X5733 VERIFIES SAME
EARLY DROP OFF THE BOOM FOR A/R NR 2.

2. EXCEPT FOR FLIGHT SAFETY CONSIDERATIONS; I.E., WEATHER,
FUEL RESERVES, THREAT FROM ENEMY DEFENSES, ETC., OPERATIONAL
MISSIONS MUST BE BRIEFED AND FLOWN IAW PROJ HQ FLT PLAN
AND MISSION GENERATION MESSAGES AND TAC DOCTRINE.

TOP SECRET

BT

000000 00 000

31 Oct 67 21 35z

NNNNZCZC459

FTP210/312130Z ZFF1 ZPO [REDACTED]

25X1A

BT

XXXXX

[REDACTED] 25X1A

25132

T O P S E C R E T 312124Z CITE [REDACTED] 2126.

25X1A

IMMEDIATE [REDACTED] INFO [REDACTED]

25X1A 25X1A

[REDACTED] 25X1A

A. BX 5732

B. INS TAPE EVALUATION REPORT

C. INS 010

D. 29/1505Z

E. 1. SATISFACTORY

2. SATISFACTORY

3. SATISFACTORY

4. SATISFACTORY

5. SATISFACTORY

6. SATISFACTORY

7. SATISFACTORY

8. SATISFACTORY

9. SATISFACTORY

10. BETWEEN E.T. 06835 AND 06844 THE E.T. RECORD IS IN ERROR IN THE UNITS DIGIT. RECORD READS 06849 AND WAS CORRECTED TO READ 06840.

BETWEEN E.T. 11583 AND 11592 THE UNITS DIGIT WAS MISSING ON THE E.T. RECORD. CORRECTION WAS MADE TO READ E.T. OF 11587.

F. TAPE APPEARS SATISFACTORY. ERRORS CAN BE SALVAGED. TAPE EVALUATION PERTAINS TO CAMERA OPERATION ONLY.

T O P S E C R E T

BT

DCOM

JOINT MESSAGE FORM - CONTINUATION SHEET

SECURITY CLASSIFICATION

CIA-RDP69B00041R001100010013-2

FROM:

25X1A

3331

IMMEDIATE

IMMEDIATE

20 OCT 67

08 28z

25X1A

TO:

INFO:

- 1 SIG CEN
- 1 COMDR
- 1 DCM
- 1 P.E.
- 1 DCO

25X1A

A. BX-6732

25X1A

B. TYPE I CAMERA CONFIGURATION REPORT

C. I/F/28 OCT/131/

25X1A

D. 525/525

E. 525/525

F. ~~XXXXXX~~ 3404/1301/273-5/17-3-11-6

G. 5.6/YELLOW WRATTEN 12

H. 58/54

57/57

I. 0347Z/0407Z

0506Z/0520Z

J. 044/170/.039 CLOUD

K. NA

L. AS BRIEFED - POSITION 3 FOR MAJORITY OF BOTH RUNS.

M. BS SECURITY 280704Z FOR SHIPMENT TO

25X1A

N. SUCCESSFUL MISSION

25X1A

END OF MSG

25X1A

RELEASER

SYMBOL

PAGE
NR

NR OF
PAGES

SECURITY CLASSIFICATION

INITIALS

25X1D

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NNNNZCZ0244

914/290207Z

BT

YXXXX

25X1A

SECRET 290201Z CITE [REDACTED] 2304

PRIORITY [REDACTED] INFO [REDACTED]

25X1A

25X1A

25X1A

25X1A

25X1A

RE [REDACTED] 1060

RE [REDACTED] PARA E REF, PLS ADVISE WHICH PORTION FIRST PART

25X1A

OF MISSION MENTIONED REF UNDEREXPOSED. WE ARE INTERESTED IN
ASCERTAINING IF OCCURED OVER LAND MASS AND IF SO IDENTIFY
COORDINATES OF INCLUSIVE AREAS FLIGHT LINES UNDEREXPOSED.

SECRET

BT

NNNN

28/1952 E

DCM

25X1A

25X1A

TOP SECRET 281815X CITE [REDACTED] 1060

IMMEDIATE [REDACTED] INFO IMMEDIATE [REDACTED]

OXCAR

25X1A

25X1A

25X1A

A. BX6732

B. FLASH REPORT AFTER PROCESSING

C. TYPE I

D. F

E. THE FILM ARRIVED IN GOOD PHYSICAL CONDITION WITH NORMAL EXPOSURE WITH EXCEPTION OF UNDEREXPOSURE IN FIRST PART OF THE MISSION AND AGAIN APPROXIMATELY 60 PER CENT INTO THE MISSION OVER 20 FRAMES. THESE FRAMES WERE THE EQUIVALENT OF 2 F/STOPS UNDEREXPOSED. MEDIUM CONTRAST, GOOD RESOLUTION AND OPERATIONAL DATA RECORDING WERE NOTED. APPROXIMATELY ONE HALF OF ALL FORWARD CLOCKS IN IMAGE AREA THROUGHOUT ENTIRE MISSION. EDGES BETWEEN FORWARD AND AFT FRAMES WERE FUZZY. TIMING MARKS APPEARED AS TEARS AND DASHES INTERMITTENTLY THROUGHOUT MISSION. START UP AND SHUTDOWN WERE NORMAL WITH INITIAL SIX FRAMES AND LAST TEN FRAMES OVERLAPED. CAMERA RECYCLED APPROXIMATELY 55 PER CENT INTO MISSION.

TOP SECRET

BT

Submit to addressees specified for [REDACTED] report 25X1A

25X1A

25X1A

25X1A

A. BX 6732
(Operations Mission Number)

B. TYPE I CAMERA CONFIGURATION REPORT.

C. I / F / 28 Oct. / 131 / [REDACTED]
(Config./SN/Date Flown/Acft No./Pilot Pseudo. Example: I/A/NOV 28/127 [REDACTED]).

D. 525 1 525
(Total frames scheduled-fwd camera & aft camera).

E. 525 1 525
(Total frames completed-fwd camera & aft camera).

F. 3404 1 1301 1273-5/17-3-11-6
(Film type/box no./emulsion no. Example: 3401/1234/245-13-3-6).

G. 5.6/YELLOW, WRATTEN 12.

H. SUN ANGLES.

BEGINNING	END
<u>58 ° 1</u>	<u>54 °</u>
<u>57 ° 1</u>	<u>57 °</u>
<u>° 1</u>	<u>°</u>

I. CAMERA ON CAMERA OFF (Date/Time ZULU. Example: 282118Z/282130Z).

<u>0347</u>	<u>0407</u>
<u>0353 Z/</u>	<u>0419 Z.</u>
<u>0506 Z/</u>	<u>0520 Z.</u>
<u>Z/</u>	<u>Z.</u>

J. ELAPSED TIME (MINUTES)/EXPOSURE VALUE/V/H IN MR/SECONDS. EXAMPLE: 4/200/.039.

0-44 1 170 1.039 CLOUD

1 / 1 /

1 / 1 /

1 / 1 /

25X1A

- 2 -

CONT'D

K. N/A.

L. WEATHER. (General comment on weather during photo portions of mission).

As Briefed - Position 3 for majority of both runs

M. TAKE DISPOSITION (Location, shipment, or action on material - date/time ZULU.
Example: EK 290135Z or Area Security 290135Z).

BS Security 280704Z. For shipment to

N. COMMENTS. (Include general remarks regarding configuration operation, malfunctions or mission problems).

Successful Mission

TOP SECRET

FROM: Mission Coordinator

27 Oct 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held in the Operations Briefing Room on 27 OCTOBER 1967 at 1200 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6732
2. Date/Time of Launch (H-Hour): 28 / 0230 Z / 1130 L. 25X1D
3. Ground Spare (H+1:00): 29 / 0330 Z / 1230 L.
4. Bases: Takeoff KADENA Staging Landing KADENA.
5. Equipment required: TYPE I CAMERA,

6. Ground Spare Requirements: SAME AS PRIMARY

7. Special Instructions/Comments: A-50 ADDITIVE

WILL NOT BE USED

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	_____	_____	DCOL	_____	_____
DCO	_____	_____	DCOC/MC	_____	_____
DCM	_____	_____	DCOMI	_____	_____
DCS	_____	_____	DCOW	_____	_____
SECUR	_____	_____	COMMO	_____	_____
FLT SURG	_____	_____	AFCS	_____	(Notify Only)
DCOM	_____	_____	TTFC(SAC)	_____	(Notify Only)

TOP SECRET